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Product Datasheet

Rat VE-Cadherin(Vascular Endothelial Cadherin) ELISA Kit EBT-ELK10792

Article Name	Rat VE-Cadherin(Vascular Endothelial Cadherin) ELISA Kit
Biozol Catalog Number	EBT-ELK10792
Supplier Catalog Number	ELK10792
Alternative Catalog Number	EBT-ELK10792-96, EBT-ELK10792-96X5, EBT-ELK10792-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.21 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Tumor immunity, Infection immunity,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat VE-Cadherin. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VE-Cadherin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat VE-Cadherin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat VE-Cadherin in the samples is then determined by comparing the OD of the samples to the standard curve